

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) An ink jet printhead comprising:
 - a plurality of nozzles formed in a nozzle plate;
 - a bubble forming chamber corresponding to each of the nozzles respectively, the bubble forming chambers adapted to hold bubble forming liquid and having sidewalls formed of amorphous ceramic material extending between the nozzle plate and an underlying substrate such that each of the chambers have a circular cross section, the side walls being formed from an amorphous ceramic material; adapted to contain a bubble forming liquid; and,
 - at least one heater element disposed in each of the bubble forming chambers respectively, the heater elements configured for thermal contact with the bubble forming liquid; such that,
 - heating the heater element to a temperature above the boiling point of the bubble forming liquid forms a gas bubble that causes the ejection of a drop of an ejectable liquid through the nozzle corresponding to that heater element; wherein,
 - the sidewalls of each of the bubble forming chambers has a circular cross section; are integrally formed with the nozzle plate.
2. (Withdrawn) An ink jet printhead according to claim 1 wherein the bubble forming chamber is cylindrical.
3. (Withdrawn) An ink jet printhead according to claim 1 wherein the bubble forming chamber is barrel-shaped.
4. (Withdrawn) An ink jet printhead according to claim 1 wherein the bubble forming chamber is a truncated cone shape.
5. (Withdrawn) An ink jet printhead according to claim 1 wherein the bubble forming chamber is spherical.

6. (Original) An ink jet printhead according to claim 1 wherein the ejectable liquid is the same as the bubble forming liquid.

7 (Original) An ink jet printhead according to claim 1 wherein the printhead is a pagewidth printhead.

8. (Cancelled).

9. (Withdrawn) An ink jet printhead according to claim 8 wherein the amorphous ceramic material is silicon nitride.

10. (Withdrawn) An ink jet printhead according to claim 8 wherein the amorphous ceramic material is silicon dioxide.

11. (Withdrawn) An ink jet printhead according to claim 8 wherein the amorphous ceramic material is silicon oxynitride.

12. (Currently Amended) A printer system which incorporates a printhead, the printhead comprising:

a plurality of nozzles;

a bubble forming chamber corresponding to each of the nozzles respectively, the bubble forming chambers adapted to hold bubble forming liquid and having sidewalls formed of amorphous ceramic material extending between the nozzle plate and an underlying substrate such that each of the chambers have a circular cross section, the side walls being formed from an amorphous ceramic material~~adapted to contain a bubble forming liquid;~~ and,

at least one heater element disposed in each of the bubble forming chambers respectively, the heater elements configured for thermal contact with the bubble forming liquid; such that,

heating the heater element to a temperature above the boiling point of the bubble forming liquid forms a gas bubble that causes the ejection of a drop of an ejectable liquid through the nozzle corresponding to that heater element; wherein,

the sidewalls of each of the bubble forming chamber are integrally formed with the nozzle plate...~~has a circular cross section.~~

13. (Withdrawn) A printer system according to claim 12 wherein the bubble forming chamber is cylindrical.

14. (Withdrawn) A printer system according to claim 12 wherein the bubble forming chamber is barrel-shaped.

15. (Withdrawn) A printer system according to claim 12 wherein the bubble forming chamber is a truncated cone shape.

16. (Withdrawn) A printer system according to claim 12 wherein the bubble forming chamber is spherical.

17. (Original) A printer system according to claim 12 wherein the ejectable liquid is the same as the bubble forming liquid.

18. (Original) A printer system according to claim 12 wherein the printhead is a pagewidth printhead.

19. (Cancelled).

20. (Withdrawn) A printer system as claimed in claim 19 wherein the amorphous ceramic material is silicon nitride.

21. (Withdrawn) A printer system as claimed in claim 19 wherein the amorphous ceramic material is silicon dioxide.

22. (Withdrawn) A printer system as claimed in claim 19 wherein the amorphous ceramic material is silicon oxynitride.

23. – 33. (Cancelled).